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**Cosmetic composition for make-up or non-therapeutic  
treatment of keratinic matter comprises dispersion of polymeric particles  
in fatty liquid phase**

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Number of Countries: 026 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 1082953	A1	20010314	EP 2000402259	A	20000809	200141 B
FR 2798061	A1	20010309	FR 9911173	A	19990907	200141
JP 2001089325	A	20010403	JP 2000270716	A	20000906	200141

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Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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EP 1082953	A1	F	15	A61K-007/032	
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FR 2798061	A1			A61K-007/02	
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Abstract (Basic): EP 1082953 A1

NOVELTY - The composition is new.

DETAILED DESCRIPTION - The composition comprises, in physiologically acceptable medium, a dispersion of particles of first film-forming polymeric system, containing first polymer surface-stabilized in fatty liquid phase, and also a dispersion of particles of second non- film-forming polymeric system, surface-stabilized in fatty liquid phase. First polymeric system has glass transition temperature up to 40degreesC (preferably (-100) to 40degreesC, especially (-10) to 30degreesC), and second polymeric system has glass transition temperature above 40degreesC (preferably 40-300degreesC, especially 45-150degreesC. First and/or second polymeric system comprises at least one plasticizer and the particles of each system are stabilized by stabilizer selected from sequence, grafted and statistic polymers and their mixtures. The total of first and second polymers dispersed in fatty liquid phase amounts to 2-60 wt.% (preferably 5-30 wt.%) per total wt. of composition, and the wt. ratio of first polymer to second is 1/99-99/1, preferably 50/50 to 80/20. The composition is preferably anhydrous and may additionally contain at least one wax, and/or at least one liposoluble polymer, and/or at least one additive selected from thickeners of fatty liquid phase, perfume, preservatives, surfactants, sequestrants, vitamins, proteins, ceramides, alkalinizing or acidifying agents, emulsifiers, colorants and fillers. INDEPENDENT CLAIMS are also included for :

- (1) process of make-up or non-therapeutic treatment of keratinic matters comprising application of composition as claimed; and
- (2) the use of composition as claimed to produce brilliant and/or non-sticky and/or wear-resistant and/or non-transferable film on keratinic matter, especially on keratinic fibres; or for curling

keratinic fibres, namely eyelashes.

USE - In cosmetic industry, as mascara, eye-liner, lipstick, eye-shadow, blush, foundation, body make-up, concealer, make-up base, solar protection creme, skin coloring or skin treatment preparation

ADVANTAGE - The composition produces brilliant and/or non-stick and/or wear resistant and/or non-transferable make-up effect.

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#### Technology Focus:

TECHNOLOGY FOCUS - POLYMERS - Preferred Components: First and/or second polymers are selected from radical polymers, polycondensates, polymers of natural origin and their mixtures, more specifically from polyurethanes, acrylic polyurethanes, polyurea, polyurea/polyurethanes, polyester/polyurethanes, polyether/polyurethanes, polyesters, polyester amides, fatty chain polyesters, alkyds, acrylic and/or vinylic polymers or copolymers, silicone- and fluoro- polymers and their mixtures. Stabilizer is selected from grafted silicone polymers with one hydrocarbon chain, grafted hydrocarbon polymers with one silicone chain, grafted or sequence-type block copolymers comprising at least one block of polyorganosiloxane type and at least one radical polymer block, grafted or sequence-type block copolymers comprising at least one block of polyorganosiloxane type and at least one polyether block, copolymers of 1-4C alkyl (meth)acrylates and 8-30C alkyl (meth)acrylates, grafted or sequence-type block copolymers comprising at least one block obtained in result of polymerization of ethylenic monomers containing one or more ethylenic bonds optionally conjugated, and at least one block of styrene polymer, grafted or sequence-type block copolymers comprising at least one block obtained in result of polymerization of ethylenic monomers and at least one acrylic polymer block, grafted or sequence-type block copolymers comprising at least one block obtained in result of polymerization of ethylenic monomers and at least one polyether block, and their mixtures (preferably grafted or sequence-type block polymer comprising at least one block obtained in result of polymerization of ethylenic monomers containing one or more ethylenic bonds optionally conjugated, and at least one block of styrene polymer.

ORGANIC CHEMISTRY - Preferred Composition: Fatty liquid phase comprises at least one oil selected from mineral, animal-origin, vegetable or synthetic oils, hydrocarbon, fluorinated or silicone oils, or their mixtures. More specifically, fatty liquid phase is selected from paraffin or vaseline oil; mink, turtle or soya oil; perhydrosqualene, sweet almond oil, calophyllum (sic), palm, raisin pips, sesame, maize, sunflower, cotton, colza (sic), apricot, castor, avocado or jojoba oil; cereal germ oil; esters of lanolic, oleic, lauric or stearic acid; fatty esters such as isopropyl myristate or palmitate, butyl stearate, hexyl laurate, diisopropyl adipate, isononyl isononate, 2-ethyl hexyl palmitate, 2-hexyl-decyl laurate, 2-octyl-decyl palmitate, 2-octyl-dodecyl myristate or lactate, 2-diethyl-hexyl succinate, diisostearyl malate and glycerin or diglycerin triisostearate; higher fatty acids such as myristic, palmitic, stearic, behenic, oleic, linoleic, linolenic or isostearic acid; higher fatty alcohols such as cetanol, stearyl or oleic alcohol, linoleic or linolenic alcohol, isostearic alcohol or octyl dodecanol; silicone oils such as PDMS, optionally phenylated e.g. phenyl trimethicones or optionally substituted with aliphatic and/or aromatic groups, or with functional groups such as hydroxyl, thiol and/or amine group; polysiloxanes modified with fatty acids, fatty alcohols or polyoxyalkylenes; fluorinated silicones; perfluorinated

oils; volatile oils such as octamethyl- cyclotetrasiloxane, decamethyl-cyclopentasiloxane, hexadecamethyl- cyclohexasiloxane, heptamethyl -hexyl- trisiloxane, heptamethyl -octyl-trisiloxane, or 8-16C isoparaffins, especially isododecane, and their mixtures. Fatty liquid phase preferably contains at least one oil volatile at ambient temperature.